Operator: **AB Connectors Ltd**

Permit Reference Number: **BV7443IP**

Installation: **Abercynon Inorganics**

Reporting of Emissions to Sewer for the period from JANUARY 2019 **to** MARCH 2019

Form Number: S1

Emission Point	Substance or Parameter	Emission Limit Value	Result[1]	Test Method [2]	Sample Date and Times [3]	Accreditation/Certification [4]	Uncertainty [5]
T13	Cadmium	10 µg/l	10	AAS	14.2.19.		
T1	Maximum pH	3.0	1.92	CONTINUOUS MONITORING	20.3.19		
T1	Redox Potential	300 mV	266	CONTINUOUS MONITORING	16.1.19		
T2	Minimum pH	10.5	11.61	CONTINUOUS MONITORING	28.1.19		
T2	Redox Potential	300 mV	327	CONTINUOUS MONITORING	4.2.19		
T5	Minimum pH	9	9.47	CONTINUOUS MONITORING	13.2.19		
T5	Maximum pH	11	10.32	CONTINUOUS MONITORING	23.1.19		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.005	NITRIC ACID DIGEST ICP	19.1.19		
S1	Cadmium	150 g/year	3.56g				
S1	Chromium (VI)	0.1 mg/l	0.082	COLOURIMETRY	19.3.19		
S1	Chromium	2 mg/l	0.40	NITRIC ACID DIGEST ICP	12.2.19		
S1	Copper	2 mg/l	0.63	AAS	23.1.19		
S1	Nickel	2 mg/l	0.70	NITRIC ACID DIGEST ICP	17.1.19		
S1	Zinc	2 mg/l	0.21	AAS	16.1.19		
S1	Free cyanide	1.0 mg/l	0.90	COLOURIMETRY	12.2.19.		

[1] The result given is the maximum value (or minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. colorimetry.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring is given.

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed .....

(Authorised to sign as representative of the Operator)

Date 18/4/19

Date of Form:01/2006

Operator: **AB Connectors Ltd**

Permit Reference Number: **BV7443IP**

Installation: **Abercynon Inorganics**

Reporting of Emissions to Sewer for the period from APRIL 2019 **to** JUNE 2019

Form Number: S1

Emission Point	Substance or Parameter	Emission Limit Value	Result[1]	Test Method [2]	Sample Date and Times [3]	Accreditation/Certification [4]	Uncertainty [5]
T13	Cadmium	10 µg/l	10	AAS	23.5.19		
T1	Maximum pH	3.0	1-93	CONTINUOUS MONITORING	9.4.19.		
T1	Redox Potential	300 mV	281	CONTINUOUS MONITORING	11.4.19.		
T2	Minimum pH	10.5	11.75	CONTINUOUS MONITORING	28.5.19		
T2	Redox Potential	300 mV	330	CONTINUOUS MONITORING	17.4.19.		
T5	Minimum pH	9	9.49	CONTINUOUS MONITORING	16.4.19		
T5	Maximum pH	11	9.92	CONTINUOUS MONITORING	15.5.19		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.005	NITRIC ACID DIGEST ICP	19.6.19.		
S1	Cadmium	150 g/year	3.02				
S1	Chromium (VI)	0.1 mg/l	0.086	COLORIMETRY	11.6.19		
S1	Chromium	2 mg/l	0.3	NITRIC ACID DIGEST ICP	9.5.19		
S1	Copper	2 mg/l	1.0	NITRIC ACID DIGEST ICP	18.4.19.		
S1	Nickel	2 mg/l	0.46	AAS	29.5.19		
S1	Zinc	2 mg/l	0.17	AAS	16.4.19.		
S1	Free cyanide	1.0 mg/l	0.55	COLORIMETRY	21.5.19.		

[1] The result given is the maximum value (or minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. colorimetry.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring is given.

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed .....

(Authorised to sign as representative of the Operator)

Date 19/7/19

Date of Form:01/2006